

FIG. 1

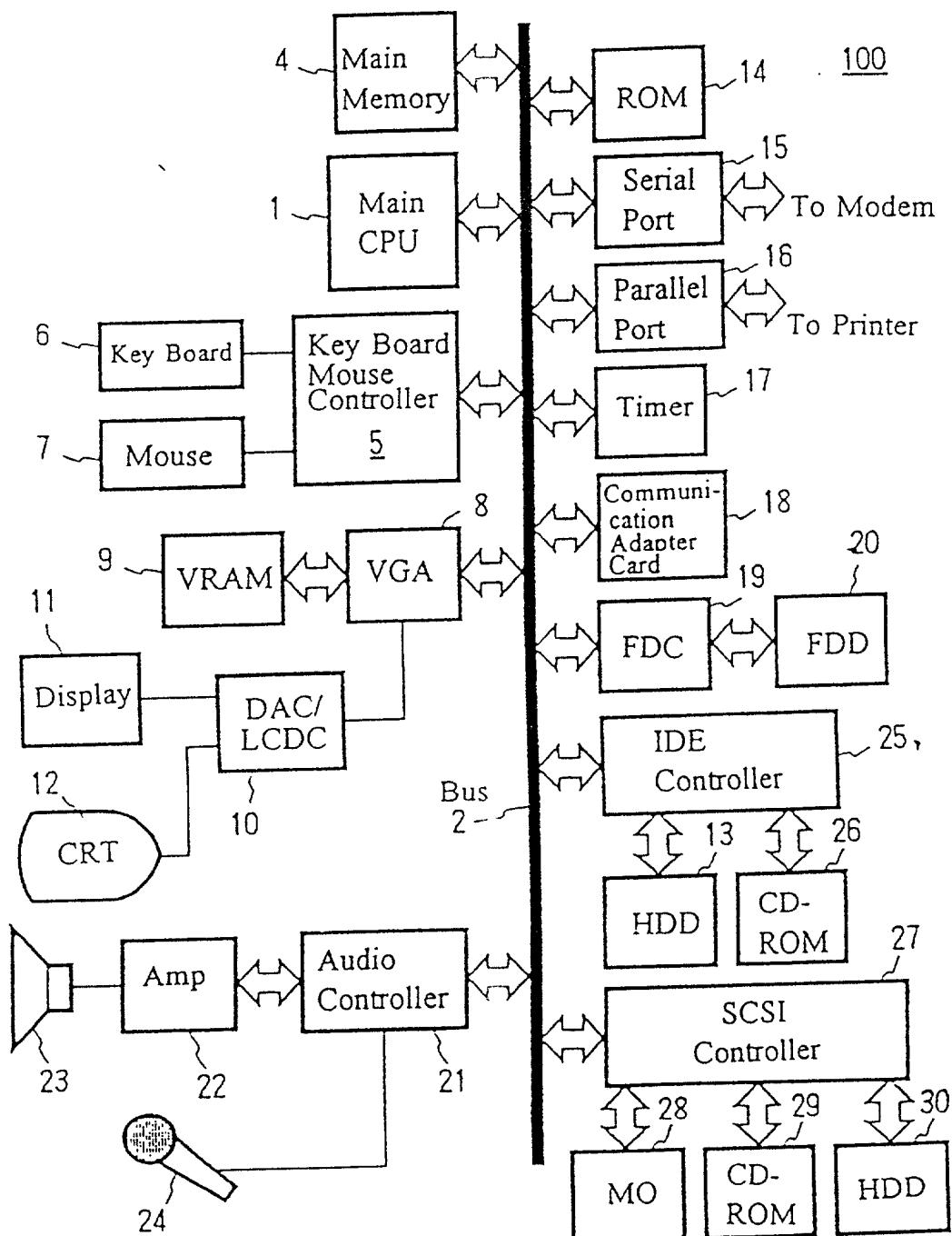


Fig. 2

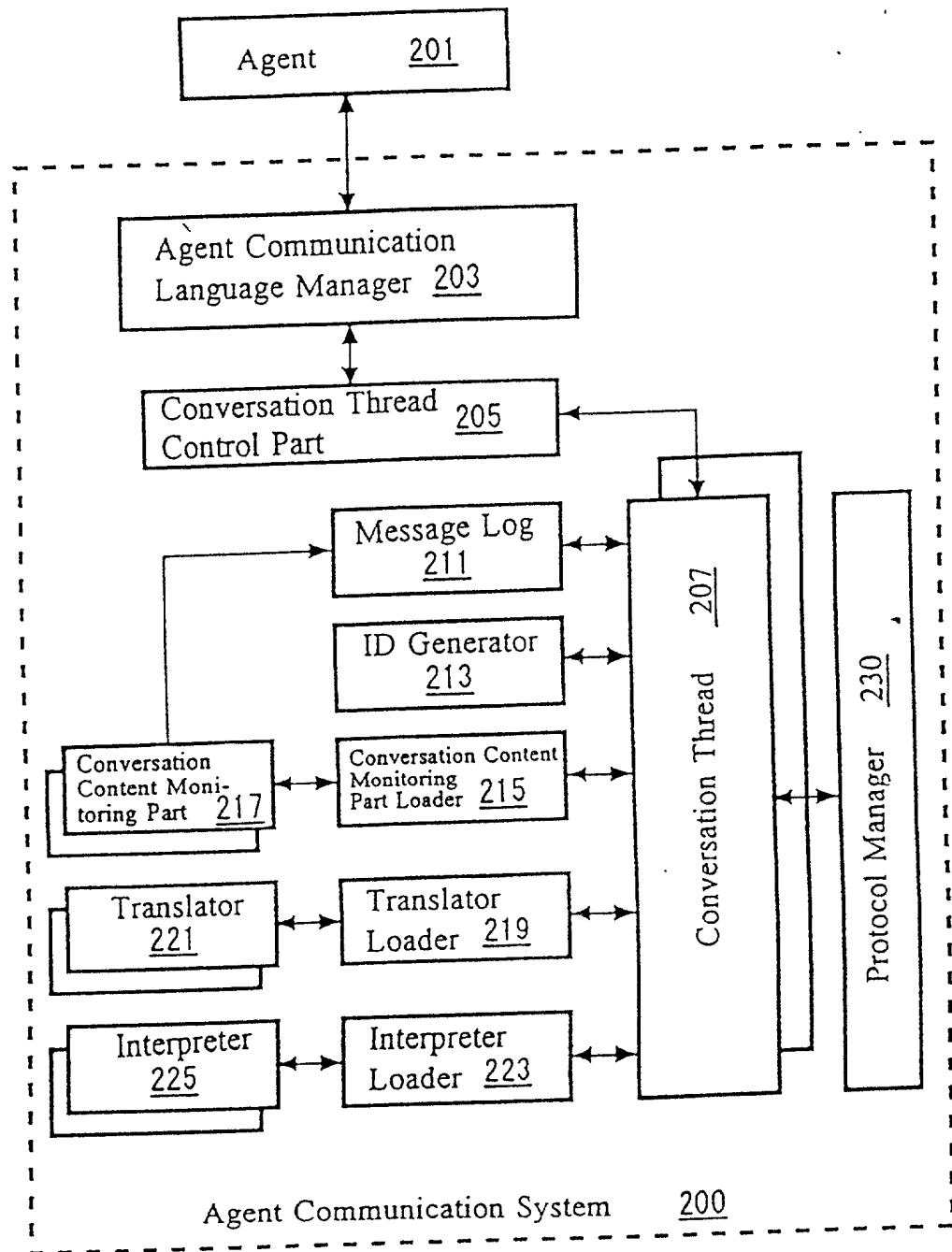
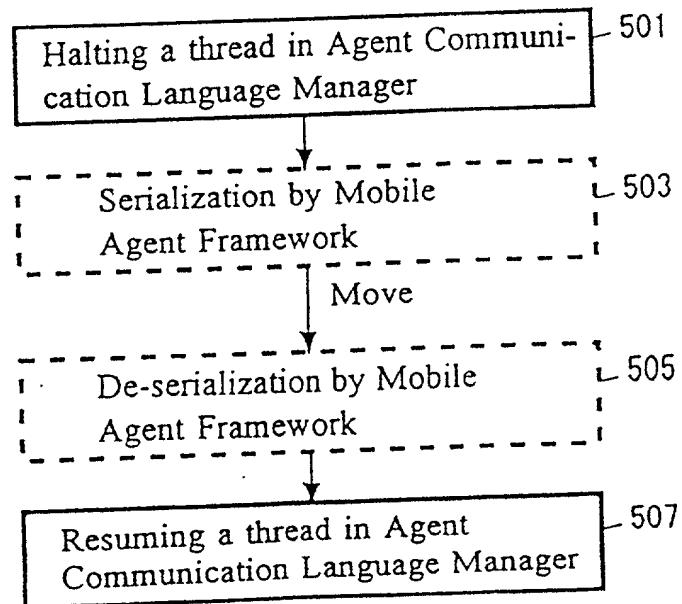


Fig. 3

FIG. 4

Message Packet	
Message Type	301
Sender	303
Receiver	305
Response ID	307
Conversation ID	309
Describing Language Type	311
Ontology	313
Content	315

FIG. 14



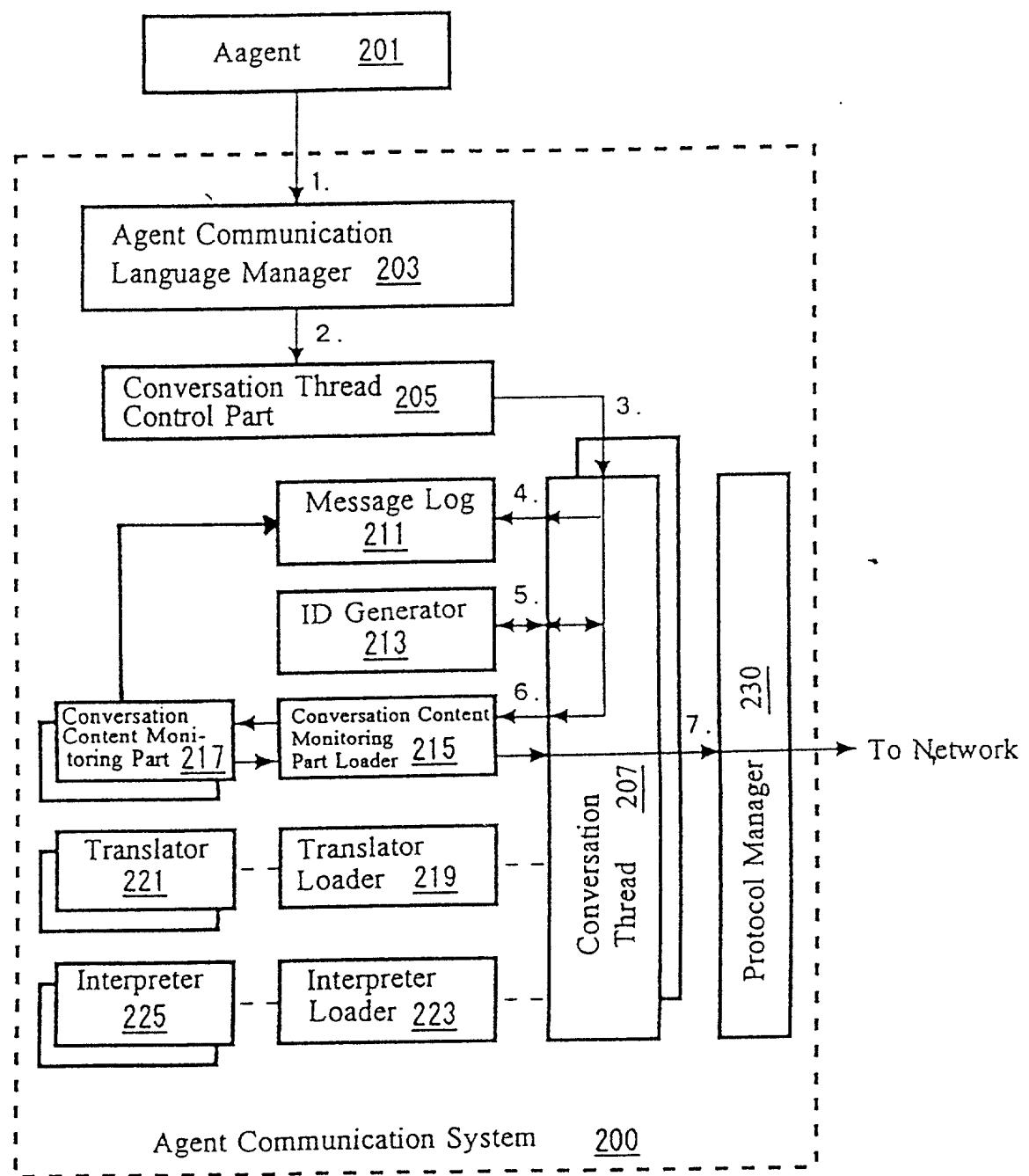
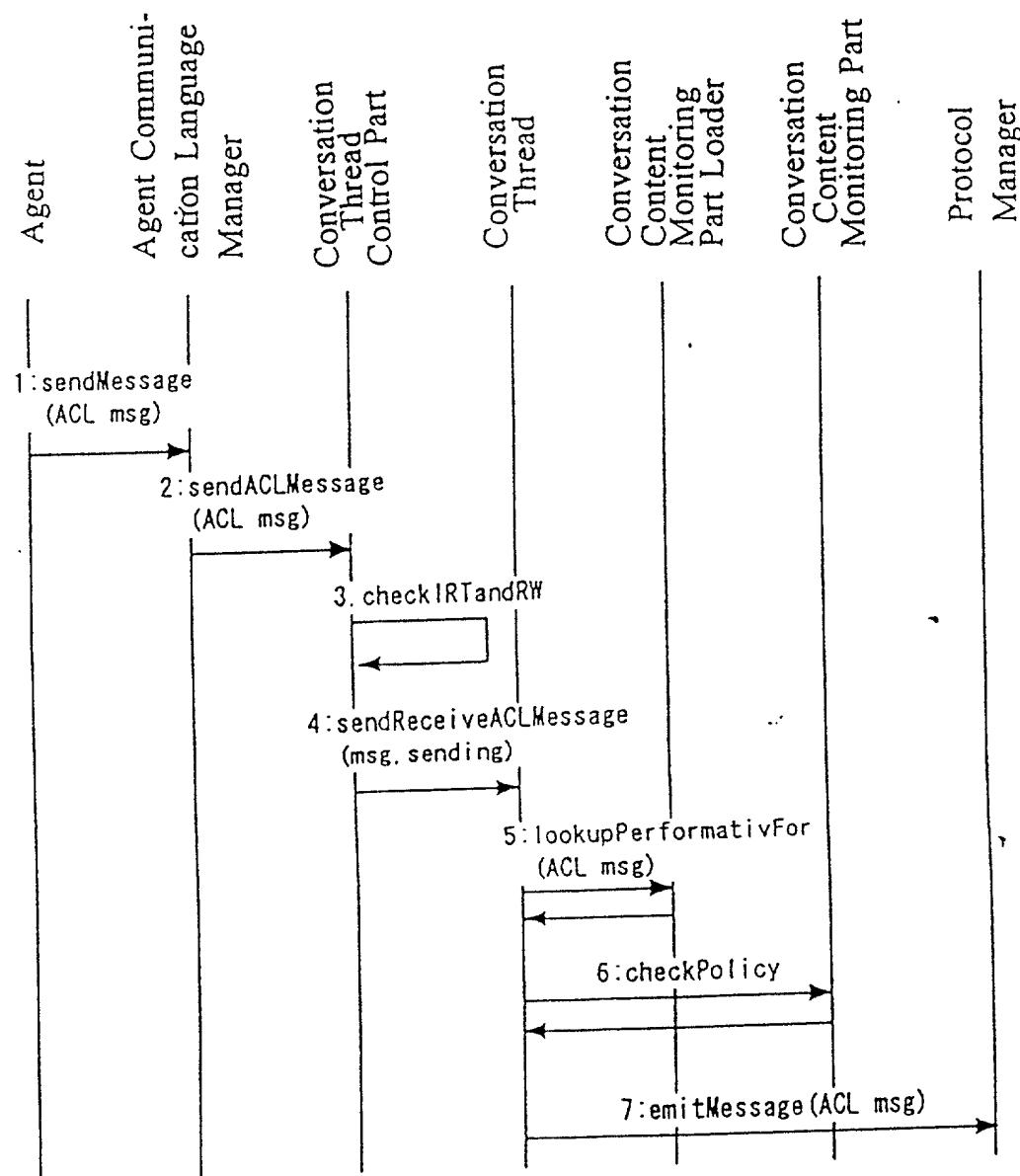


Fig. 5

FIG. 6



r: Receiver  
 s: Sender  
 F: Facilitator  
 A: Agent  
 o: Ontology

l: Describing Language Type  
 c: Contents  
 rw: Conversation ID  
 irt: Response ID

330

Message Type	Conversation Content Monitoring Part
ask-if	ask-if Monitoring Part
sorry	sorry Monitoring Part
:	:
recruit-all	recruit-all Monitoring Part

Fig. 7

350

Interpreter	Agent Communication Language	Describing Language	Ontology
interpreter A	KQML	Prolog	Stock
interpreter B	FIPA	SL	Stock
:	:	:	:
interpreter X	KQML	KIF	Yellow Page

Fig. 10

340

Agent Communication Language	Translator
KQML	KQML-FIPA
:	:
FIPA	FIPA-KIF

Fig. 11

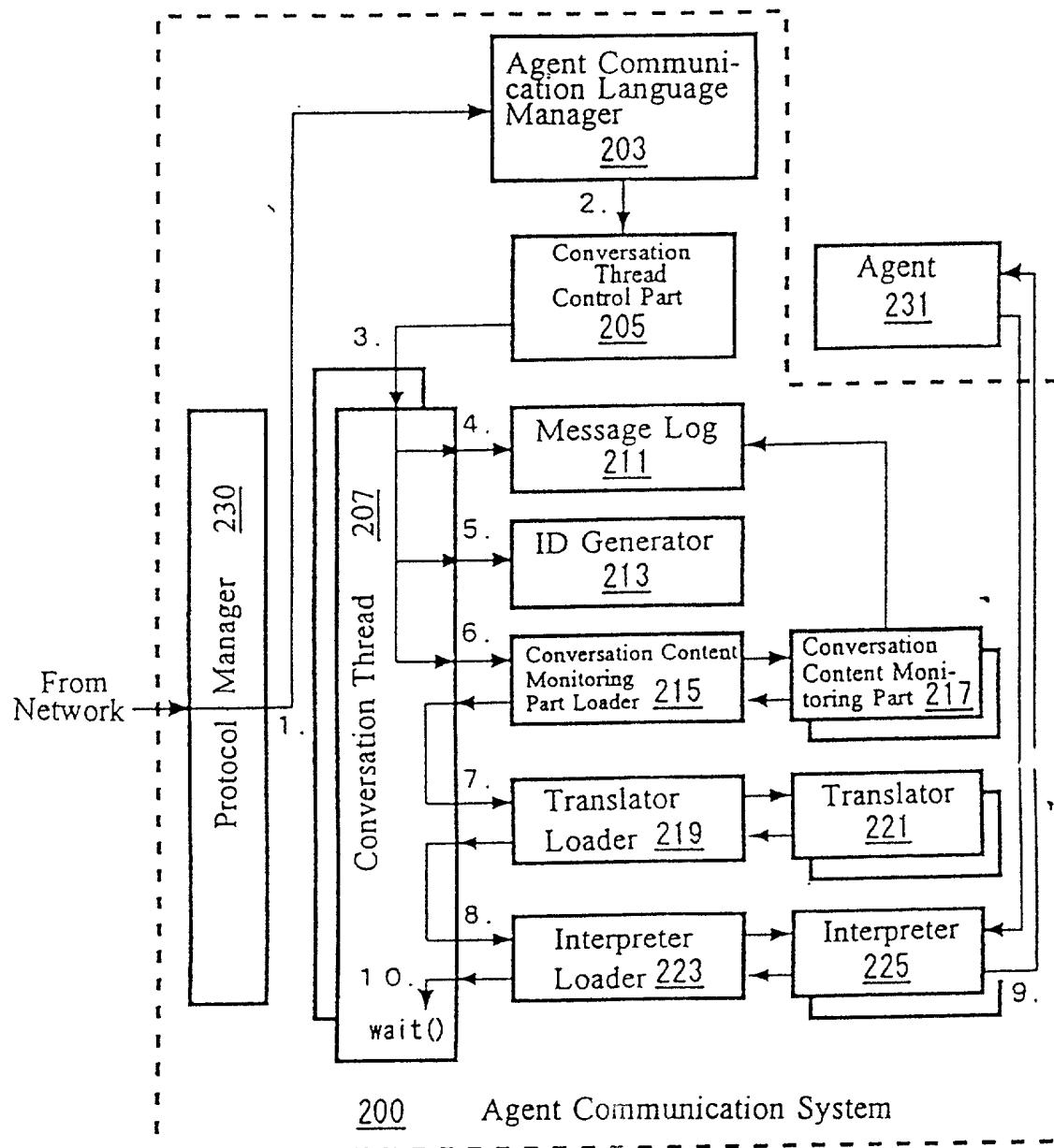
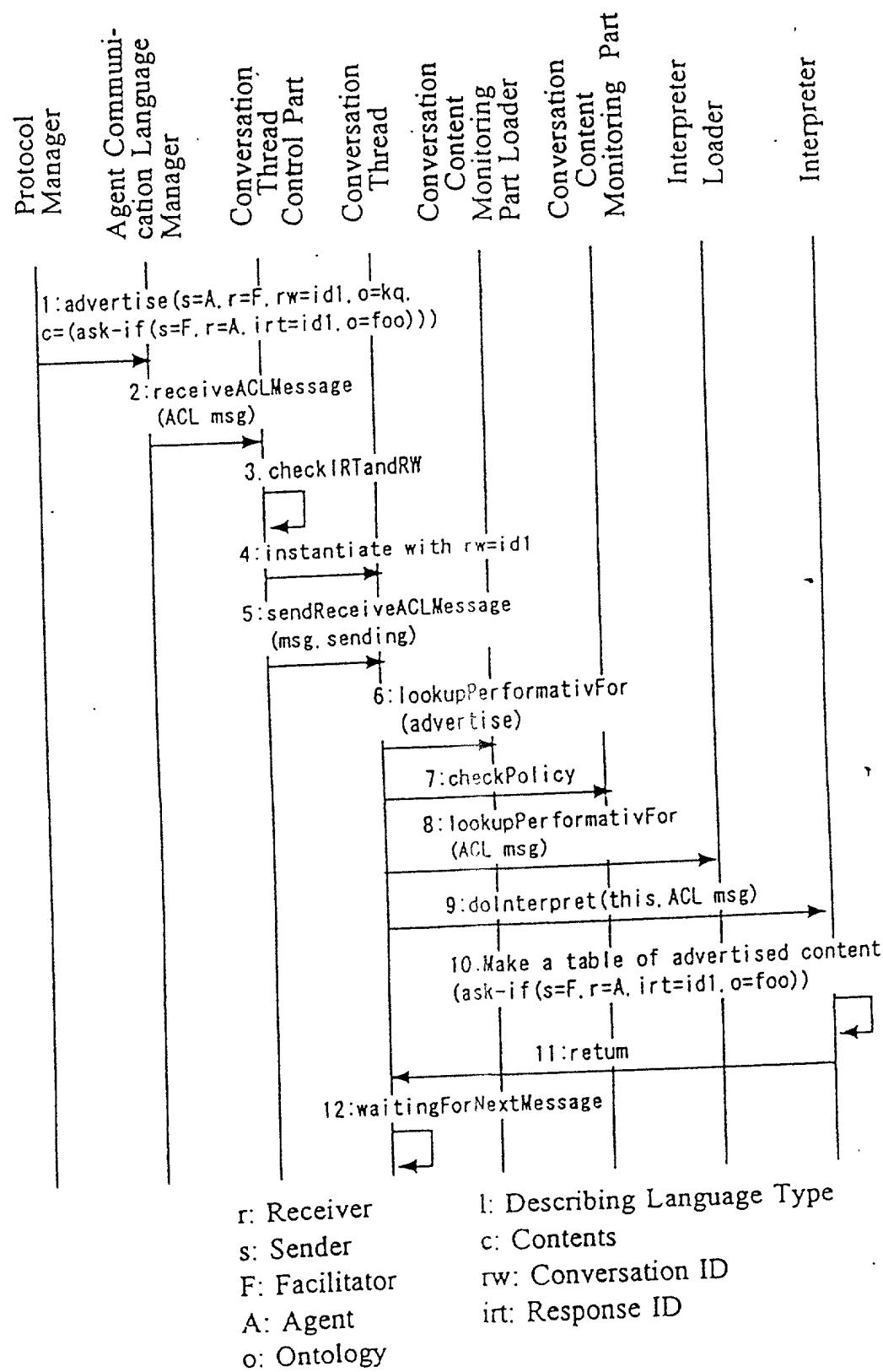


FIG. 8

Fig. 9



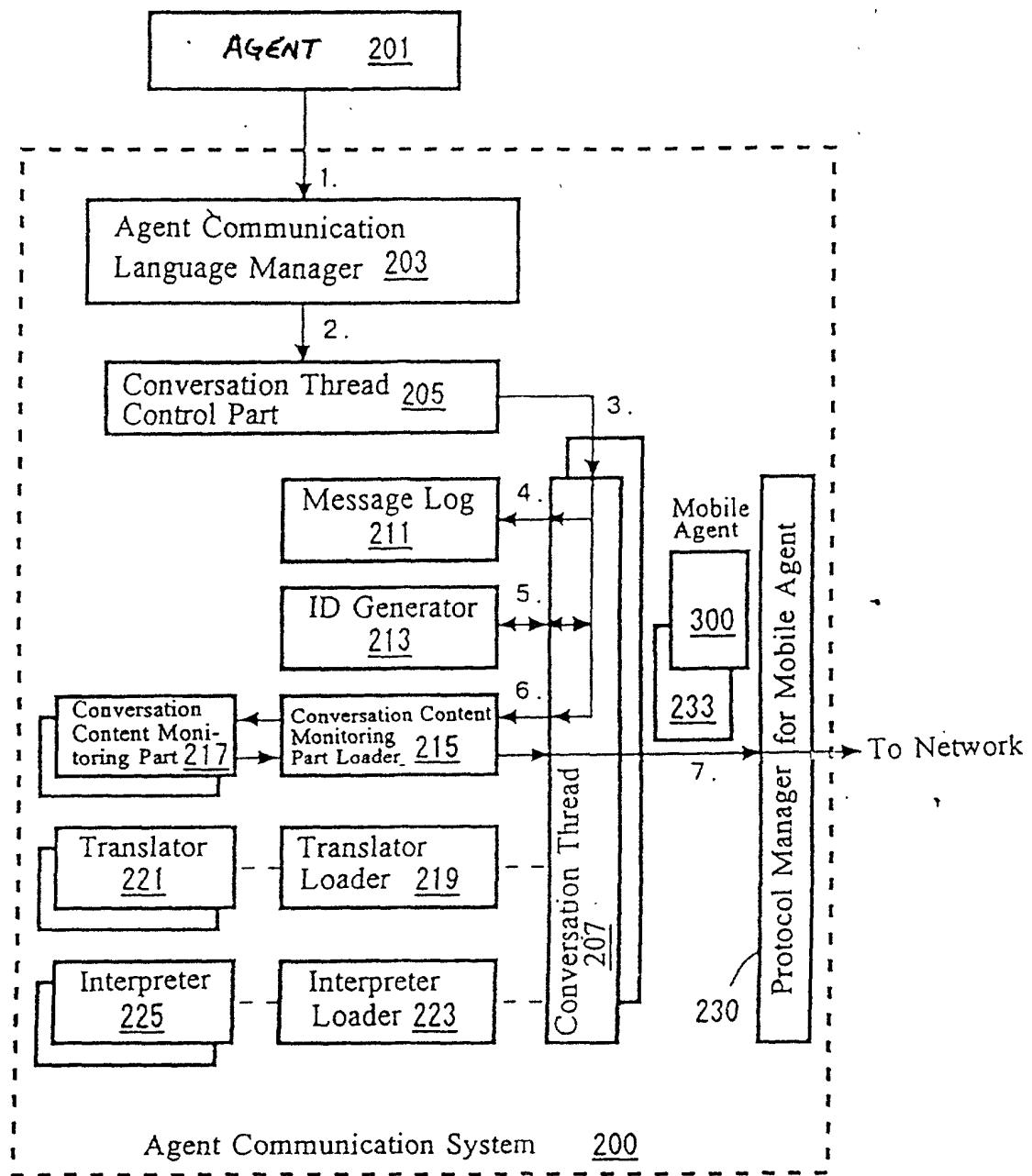


Fig. 12

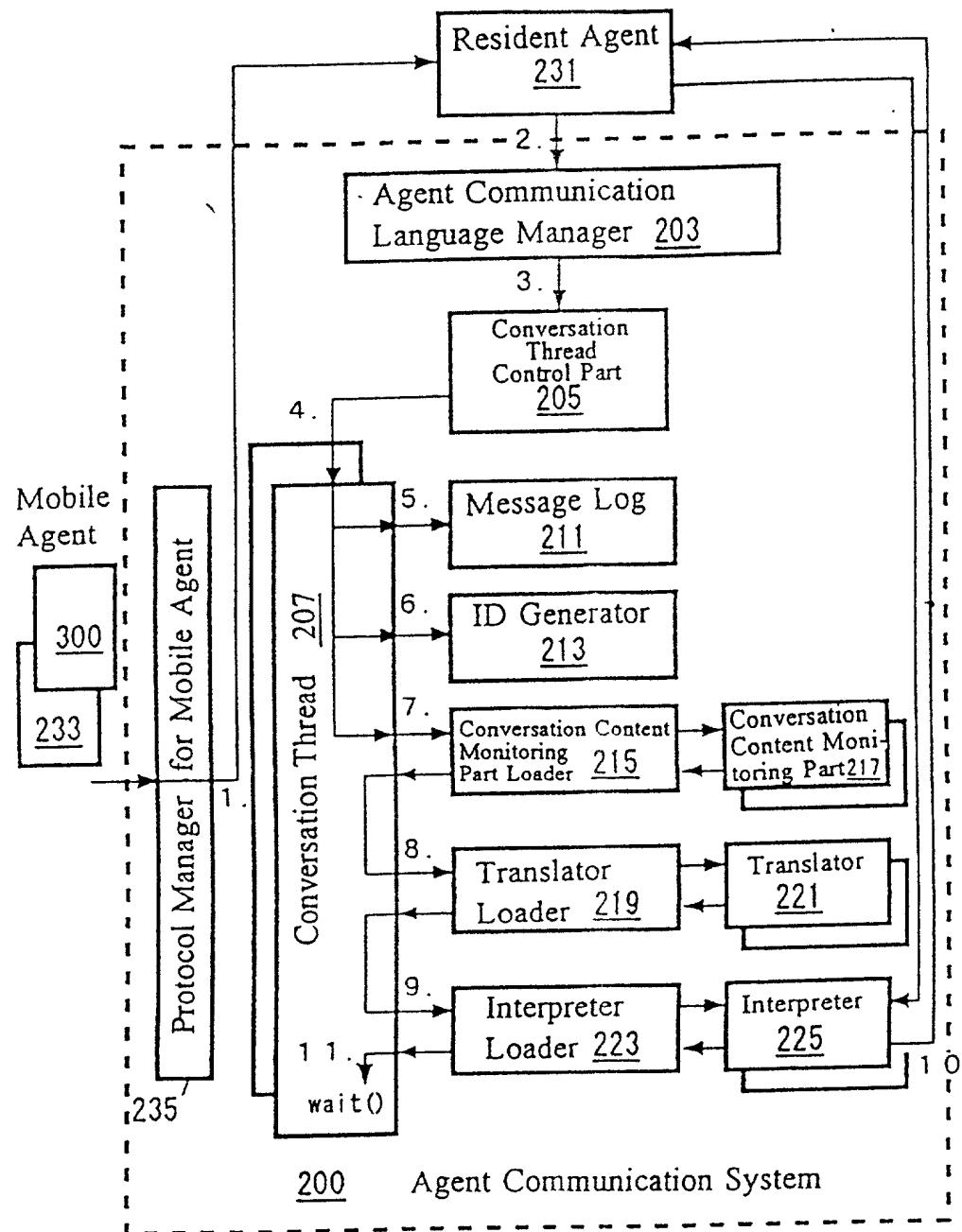


Fig. 13

